

Maritime Mechanical & Electrical Mechanic

Level 2 City & Guilds (Competence & Knowledge)

Duration: over 2 years including time spent at sea

Overview of role

This apprenticeship is based in the National Maritime Training Centre and North Kent Culinary Academy and aboard vessel and hours include attendance at NMTC in 7, two week block release.

Maritime mechanical and electrical mechanics are employed in the Merchant Navy. The engineering knowledge and skills used in the role can be transferred to other entry level engineering roles in other industries. They work from engineering drawings, data and documentation in order to undertake the testing, fault diagnosis and maintenance of electrical, mechanical and fluid power equipment on ships. This can include propulsion machinery, sensors, reactors and auxiliary systems (such as water, air conditioning, electronic equipment including programmable logic controllers, power generation and distribution).

The Maritime mechanical and electrical mechanic must comply with statutory regulations and organisational safety requirements and will be expected to work both individually and as part of a team. A maritime mechanical and electrical mechanic will work a shift rota, as determined by the vessel operations, often working alongside other ratings and seafarers from a range of different nationalities. Basic seafarer safety and the work on board must comply with international and national requirements. New and existing staff who require training to progress into careers in both large and small companies in the maritime industry. Individual employers will determine their own selection criteria and will need to be confident that potential apprentices have the aptitude and ability to assimilate the learning and develop the required practical skills and competences, and to work in a multicultural environment on board a vessel, which may be away from home for extended periods of time.

Entry requirements

Apprentices will need to be able to pass the medical entry requirements as defined in MCA regulations (i.e. the ENG1 Seafarer Medical Certificate) before starting the apprenticeship. GCSE maths and English grade 3 (D) required.